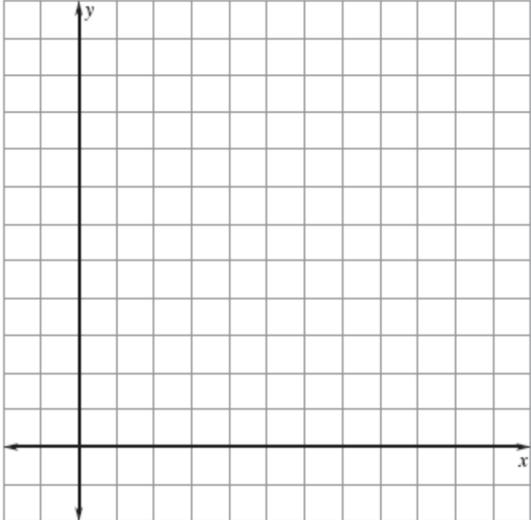


Rock Climbing

Verbal Description	Table																		
<p>Jeremy is a member at Rock Spot rock climbing gym. His membership plan charges him \$15 per visit plus a one time locker rental fee of \$10.</p> <p>The total cost of his membership at Rock Spot is a function of the number of visits.</p>	<p>Use a table of values to show the total cost, based on the number of visits to Rock Spot. <i>(Don't forget to label your inputs and your outputs in the table based on the situation).</i></p> <table border="1" style="margin-left: auto; margin-right: auto; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 50%;">(input)</th> <th style="width: 50%;">(output)</th> </tr> </thead> <tbody> <tr><td> </td><td> </td></tr> </tbody> </table>	(input)	(output)																
(input)	(output)																		
Graph	Analysis																		
<p>Graph this situation. <i>(Remember to include a title, and to label and number your axes).</i></p> <div style="text-align: center; margin-top: 20px;">  </div>	<p>a. What is the independent variable (input, x)?</p> <p>b. What is the dependent variable (output, y)?</p> <p>c. Write an equation (using x and y) to model this situation.</p> <p style="margin-top: 20px;">** If you finish early: Rock Spot is offering a new promotion, a three-month membership for a fixed fee of \$125. Compare this plan to Jeremy's current plan. How many times would Jeremy need to visit to make this a better deal for Jeremy compared to his current plan?</p>																		